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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Beck et al.  
Serial Number: 10/606,262  
Filed: June 25, 2003  
Group: 3754  
Examiner: John K. Fristoe, Jr.  
For: INFUSION SET ADAPTER  
Attorney Docket: 1462.ZEVX.DV

Mail Stop Amendment No Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313,1450

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**RESPONSE TO RESTRICTION - AMENDMENT A**

Dear Sir:

In response to the restriction in the office action of August 23, 2004, applicant elects invention group I, consisting of claims 1-11, 16-35, 92-96, and 104-110, without traverse. In response to the office action dated August 23, 2004, please amend the application as follows:

09/14/2004 GWORDOF1 00000011 10606262

01 FC:2201 43.00 OP  
02 FC:2202 324.00 OP

dependent claims 108 and 132-143. Claims 133-137 are independently patentable because they requires an optical pressure sensor which is not taught by the prior art.

Claim 138 is independently allowable because it requires that the protrusion be a flange which inhibits movement of the pump engaging portion of the infusion set, which is not taught in the prior art. Claim 141 is independently allowable because it claims an optical bubble detector where the optical receiver receives three levels of light dependent on the loaded status of the sample cell and the contents of the sample cell which is not taught by the prior art.

Claim 143 is independently patentable because it requires that the sample cell have a triangular cross section and have a base portion extending from one edge with parallel walls such that a light beam will pass through the base with minimal refraction.

Applicant has amended claim 109 require disposing a sample cell between an optical emitter and optical detector resulting in three levels of light reaching the optical detector depending on whether the cell is loaded properly and whether air is present in the cell. Applicant therefore respectfully requests that the Examiner allow claim 109 and dependent claims 144 and 145. Claim 145 is independently allowable because it requires an optical pressure sensing portion of the infusion set which is not taught by the prior art.

Applicant has amended claim 110 to require an occluder disposed in the infusion set, an optical bubble detector, and an optical pressure sensor which are not taught by the prior art. Applicant therefore requests that the Examiner allow claim 110.

A credit card authorization in the amount of \$367.00 is included to cover the fees for the additional claims. The Commissioner is authorized to charge any amount due or credit any overpayment to deposit account No. 502,720.